

This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

Section 1 ~ Identification

Identity (As Used On Label and List) B4202 All Wipes	Date Prepared: 06-18-2015
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 101 Grobric Ct #1	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) Fairfield, CA 94534	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

<i>Classification</i>	Eye Irrit. 2 Flammable Liquid 3	Category 2A Category 3
<i>Signal Word</i>	Warning	
<i>Hazard Statement</i>	Flammable liquid and vapor. Causes serious eye irritation.	

Label Elements



Precautionary Statement If medical advice is needed, have product container or label at hand. Read label before use. Keep container tightly closed. Wash skin thoroughly after handling. Use explosion-proof electrical/ventilating/light/equipment. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection /face protection. **If In Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Store in a well ventilated place. Keep cool. Do not expose to temperature exceeding 50°C/122°F. Dispose of contents and container to an approved waste disposal plant.

Non-GHS Classification
WHMIS



B2



D2B

Section 3 ~ Composition/Information on Ingredients

Components (Specific Chemical Identity, Common Name(s))	CAS No.	%(Wt.)
Isopropanol	67-63-0	70%
USP Purified Water	7732-18-5	30%

Section 4 ~ First Aid Measures

Description of First Aid Measures

After Inhalation: Move exposed individual to fresh air. Loosen clothing as necessary and position individual in a comfortable position. Seek medical advice if discomfort or irritation persists.

After Skin Contact: Wash affected area with soap and water. Rinse/flush exposed skin gently using water for 15 – 20 minutes. Seek medical attention if irritation persists or if concerned.

After Eye Contact: Protect unexposed eye. Immediately flush eyes with water for at least 15 minutes. Immediately get medical assistance.

After Swallowing: If swallowed: Call a physician immediately. DO NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

Most Important Symptoms/Effects, Acute And Delayed: Shortness of breath, irritation, nausea, headache.

Indication Of Immediate Medical Attention And Special Treatment Needed: If seeking medical attention, provide SDS document to physician. Physician should treat symptomatically.

Section 5 ~ Fire Fighting Measures

Extinguishing Media

Suitable Extinguishing Agents: Use dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam. Water spray can be used to dilute spills to nonflammable mixtures.

For Safety Reasons Unsuitable Extinguishing Agents: Water may be ineffective but should be used to cool fire-exposed structures and vessels. DO NOT USE: Direct water stream.

Specific Hazards Arising From The Substance or Mixture

Advice for Firefighters

Protective Equipment: Wear protective eyewear, gloves, and clothing. Refer to section 8.

Additional Information (Precautions): Ensure adequate ventilation. Avoid contact with skin, eyes, and clothing. Do not inhale gases, fumes, dust, mist, vapor, and aerosols. Used non-sparking tools and intrinsically safe equipment.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment And Emergency Procedures: Keep away from ignition sources. Protect from heat.

Environmental Precautions: Prevent from reaching drains, sewer or waterway. Should not be released into environment.

Methods And Materials For Containment And Cleaning Up: Use spark-proof tools and explosion-proof equipment. Have fire extinguishing agent available in case of fire. Always obey local regulations. Collect liquids using vacuum or by use of absorbents. Place into properly labeled containers for recovery or disposal. Remove all sources of ignition. Contain spill then collect. Do not flush to sewer. Absorb with a noncombustible absorbent material such as sand or earth and containerize for disposal. Refer to section 13. Ventilate area of spill.

Section 7 ~ Handling and Storage

Precautions For Safe Handling: Do not eat, drink, smoke, or use personal products when handling chemical substances. Wash hands before breaks and immediately after handling the product. Avoid eye contact with skin, eyes, and clothing. Empty containers retain product residue and can be dangerous.

Conditions For Safe Storage, Including Any Incompatibilities: Store in a cool location. Store securely in flammable storage area away from sources of ignition. Do not store in temperature > 122°F. Provide ventilation for containers. Avoid storage near extreme heat, ignition sources or open flame. Keep container tightly sealed. Protect from freezing and physical damage. Store away from incompatible materials.

Section 8 ~ Exposure Controls/Personal Protection



Control Parameters: 67-63-0, Isopropanol, ACGIH: 400 ppm STEL; 200 ppm TWA
67-63-0, Isopropanol, NIOSH: 500 ppm STEL; 1225 mg/m3 STEL
67-63-0, Isopropanol, NIOSH: 400 ppm TWA; 980 mg/m3 TWA

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mist below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Respiratory Protection: Not required under normal conditions of use. Use suitable respiratory protective device when high concentrations are present.

Protection of Skin: Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation.

Eye Protection: Safety glasses with side shields or goggles.

General Hygienic Measures: Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Perform routine housekeeping. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Section 9 ~ Physical Chemical Properties

Boiling Point	82°C/ > 180°F	Viscosity	Kinematic: Not determined Dynamic: Not determined
Vapor Pressure	Not determined	Melting/Freezing Point	Not determined
Vapor Density	Not determined	Evaporation Rate	3.0
Solubility's	Infinite solubility	pH	Not applicable
Appearance and Odor	Solid wipes damp with clear solution, alcohol odor.	Decomposition Temperatures	Not determined
Flash Point (Closed cup)	23°C/74°F (small scale CC)	Flammability (solid, gasses)	Flammable
Explosion Limit Lower	~2%	Explosion Limit Upper	~12.7%
Auto/Self Ignition	Not determined	Density	Not determined

Section 10 ~ Stability and Reactivity

Reactivity: None under normal processing.
Chemical Stability: No decomposition if used and stored according to specifications. Stable under normal conditions.
Possible Hazardous Reactions: None under normal processing.
Conditions to Avoid: Incompatible materials.
Incompatible Materials: Strong oxidizers, heat, sparks, open flames. Will attach some forms of rubber, plastics and coatings. May react with metallic aluminum and generate hydrogen gas.
Hazardous Decomposition Products: Toxic oxides of carbon, acrid and irritating fumes.

Section 11 ~ Toxicological Information

Acute Toxicity		Numerical Measures	No additional information
Dermal	No additional information	Carcinogenicity	No additional information
Oral	No additional information	Mutagenicity	No additional information
Inhalation	No additional information	Reproductive Toxicity	No additional information
Chronic Toxicity	No additional information	Single Target Organ (STOT)	No additional information
Corrosion Irritation	No additional information		
Sensitization	No additional information		

Section 12 ~ Ecological Information

Ecotoxicity: No information available.
Persistence And Degradability: No information available.
Bioaccumulative Potential: No information available.
Mobility In Soil: Aqueous solution has high mobility in soil.
Other Adverse Effects: Isopropanol has acute toxicity with effects of death in animals and low growth rates and death in plants. Chronic toxic effect, may be shortened life span. Lower fertility, reproductive problems, and changes in appearance and/or behavior in animals.

Section 13 ~ Disposal Considerations

Waste Disposal Recommendations: It is responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR 626.11). Remove all sources of ignition. Do not flush to sewer. Have fire extinguishing agent available in case of fire. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

Section 14 ~ Transport Information

DOT	Hazard Class: 3	Label required: Flammable
UN Number: UN1219	Packing Group: II	
Proper Shipping Name: Isopropanol Solution		

Section 15 ~ Regulatory Information

United States (USA)	Chemicals Known to Cause Reproductive Toxicity for Females: None of the ingredients are listed.
SARA Section 311/312 (Specific toxic chemical listings): Acute, Chronic, Fire.	Chemicals Known to Cause Reproductive Toxicity for Males: None of the ingredients are listed.
SARA Section 313 (Specific toxic chemical listings): 67-63-0 Isopropanol	Chemicals Known to Cause Developmental Toxicity: None of the ingredients are listed.
RCRA (Hazardous waste code): None of the ingredients are listed.	Canada
TSCA (Toxic Substance Control Act): All ingredients are listed.	Canadian Domestic Substances List (DSL): All ingredients are listed.
CERLA (Comprehensive Environmental Response, Compensation, and Liability Act): None of the ingredients are listed.	Canadian NPRI Ingredient Disclosure List (limit 0.1%): None of the ingredients are listed.
Proposition 65 (California)	Canadian NPRI Ingredient Disclosure List (limit 1%): 67-63-0 Isopropanol
Chemicals Known to Cause Cancer: None of the ingredients are listed.	

Section 16 ~ Other Information

GHS Full Text Phrases	DOT: US Department of Transportation
Abbreviations and Acronyms:	IATA: International Air Transport Association
IMDG: International Maritime Code for Dangerous Goods	GHS: Globally Harmonized System of Classification and Labelling of Chemicals
PNEC: predicted no effect concentration (REACH)	ACGIH: American Conference of Governmental Industrial Hygienists
CFR: Code of Federal Regulations (USA)	CAS: Chemical Abstracts Service (Division of the American Chemical Society)
SARA: Superfund Amendments and Reauthorization Act (USA)	NFPA: National Fire Protection Association (USA)
RCRA: Resource Conservation and Recovery Act (USA)	HMIS: Hazardous Materials Identification System (USA)
TSCA: Toxic Substances Control Act (USA)	WHIMS: Workplace Hazardous Materials Identification System (Canada)
NPRI: National Pollutant Release Inventory (Canada)	DNEL: Derived No Effect Level (REACH)

	NFPA	HMIS	Key
HEALTH	1	1	4= Severe
FLAMMABILITY	3	3	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	X	1= Slight
			0= Minimal

Disclaimer: Omega Industrial Supply, Inc. This product has been classified in accordance with hazard criteria of the Controlled Product Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.